

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S13	1000	347/9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 17:49
S14	255	347/9 and (Plunger or piston or pump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 17:50
S15	2	347/9 and ((Plunger or piston or pump) NEAR2 (Acceleration or deceleration or accelerat\$4 or decelerat\$4 or speed or velocity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 18:28
S18	207	"347"/\$\$\$ and ((Plunger or piston or pump) NEAR2 (Acceleration or deceleration or accelerat\$4 or decelerat\$4 or speed or velocity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 18:29
S20	63	"347"/\$\$\$ and ((Plunger or piston or pump) NEAR2 (Acceleration or deceleration or accelerat\$4 or decelerat\$4 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 18:29

S19	207	"347"/\$\$\$ and ((Plunger or piston or pump) NEAR2 (Acceleration or deceleration or accelerat\$4 or decelerat\$4 or speed or velocity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 19:10
S22	1240	"222"/\$\$\$ and ((Plunger or piston or pump) NEAR2 (Acceleration or deceleration or accelerat\$4 or decelerat\$4 or speed or velocity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 19:11
S23	107	"222"/\$\$\$ and ((Plunger or piston or pump) NEAR(Acceleration or deceleration or accelerat\$4 or decelerat\$4 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 19:11
S24	76	"222"/\$\$\$ and ((Plunger or piston )NEAR (Acceleration or deceleration or accelerat\$4 or decelerat\$4 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 19:12
S28	1068	347/20.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:14
S30	10	"347"/\$\$\$ .ccls. and ( (Plunger or piston or pump) near2 ( (seal\$3 adj (rib or ring)) or gasket\$3 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:15
S31	57	"347"/\$\$\$ .ccls. and ( (Plunger or piston or pump) with ( (seal\$3 adj (rib or ring)) or gasket\$3 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:15

S33	1	S31 and ( (Plunger or piston or pump) near2 ( (air or gas or bubble )adj (remov\$4 or exhaust\$3 or vent or hole or groove or slit or entrap\$4 or trap or trapp \$3)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:23
S34	1830	"222"/\$\$\$.ccls. and ( (Plunger or piston or pump) with ( (seal\$3 adj (rib or ring)) or gasket\$3 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:26
S35	54	S34 and ( (metering or calibrat\$3 or graduat\$4) near (tube or cylinder or pipe or canal or conduit or duct or channel ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:27
S38	4	S35 and ( (Plunger or piston or pump) same ( (air or gas or bubble )adj (remov\$4 or exhaust\$3 or vent or hole or groove or slit or entrap\$4 or trap or trapp \$3)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:28
S39	499	"141"/\$\$\$.ccls. and ( (Plunger or piston or pump) with ( (seal\$3 adj (rib or ring)) or gasket\$3 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:34
S40	10	S39 and ( (metering or calibrat\$3 or graduat\$4) near (tube or cylinder or pipe or canal or conduit or duct or channel ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:34

S41	48	("3912426"   "3982858"   "4170319"   "4311586"   "4341327"   "4348005"   "4407431"   "4487333"   "4493286"   "4538221"   "4547128"   "4635825"   "4719574"   "4789100"   "4830218"   "4844297"   "4854482"   "4871262"   "4874014"   "4892410"   "5018645"   "5033644"   "5139045"   "5163010"   "5178304"   "5192000"   "5228594"   "5257720"   "5271521"   "5291951"   "5330072"   "5332125"   "5340210"   "5344044"   "5383581"   "5388761"   "5395221"   "5407267"   "5409310"   "5417346"   "5857589"   "6186193").PN. OR ("6286566"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 17:43
S43	34236	( ( Plunger or piston or pump) with ( ( seal\$3 adj (rib or ring)) or gasket\$3 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:53

S44	324	( (Plunger or piston or pump) with ( (seal\$3 adj (rib or ring)) or gasket\$3 ))and ( (metering or calibrat\$3 or graduat\$4 or scal \$3) near (tube or cylinder or pipe or canal or conduit or duct or channel ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:53
S45	1	( (Plunger or piston or pump) with ( (seal\$3 adj (rib or ring)) or gasket\$3 ))and ( (metering or calibrat\$3 or graduat\$4 or scal \$3) near (tube or cylinder or pipe or canal or conduit or duct or channel ))and ( (Plunger or piston or pump) near2 ( (air or gas or bubble )adj (remov\$4 or exhaust\$3 or vent or hole or groove or slit or entrap\$4 or trap or trapp \$3)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:54
S46	64	( (Plunger or piston or pump) with ( (seal\$3 adj (rib or ring)) or gasket\$3 ))and ( (metering or calibrat\$3 or graduat\$4 or scal \$3) near3 (tube or cylinder or pipe or canal or conduit or duct or channel ))and ( (Plunger or piston or pump) with ( (air or gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/20 17:56

		or bubble )adj (remov\$4 or exhaust\$3 or vent or hole or groove or slit or entrap\$4 or trap or trapp \$3)) )				
S47	1239	( (Plunger or piston or pump) with ( (seal\$3 adj (rib or ring)) or gasket\$3 ))and ( (Plunger or piston or pump) with ( (air or gas or bubble )adj (remov\$4 or exhaust\$3 or vent or hole or groove or slit or entrap\$4 or trap or trapp \$3)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/21 09:34
S48	7	( (Plunger or piston or pump) near ( (seal\$3 adj (rib or ring)) or gasket\$3 ))and ( (Plunger or piston or pump) near ( (air or gas or bubble )adj (remov\$4 or exhaust\$3 or vent or hole or groove or slit or entrap\$4 or trap or trapp \$3)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/21 09:35
S49	189	( (Plunger or piston or pump) near3 ( (seal\$3 adj (rib or ring)) or gasket\$3 ))and ( (Plunger or piston or pump) near3 ( (air or gas or bubble )adj (remov\$4 or exhaust\$3 or vent or hole or groove or slit or entrap\$4 or trap or trapp \$3)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/21 09:35

S50	88	((Plunger or piston or pump) near2 ((seal\$3 adj (rib or ring)) or gasket\$3 ))and ((Plunger or piston or pump) near2 ((air or gas or bubble )adj (remov\$4 or exhaust\$3 or vent or hole or groove or slit or entrap\$4 or trap or trapp \$3)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/21 09:36
S58	308	(conduct\$4) with (conduct\$4 adj tape) with (conduct\$4 adj (paste or adhesive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/21 13:27
S59	84	((conduct\$4) with (conduct\$4 adj tape) with (conduct\$4 adj (paste or adhesive))with connect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/21 13:29
S60	47	((conduct\$4) with (conduct\$4 adj tape) with (conduct\$4 adj (paste or adhesive))with connect\$4)and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/21 13:29
S61	12	((conduct\$4) with (conduct\$4 adj tape) with (conduct\$4 adj (paste or adhesive))with connect\$4)with substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/21 13:29

3/ 23/ 2008 9:53:47 AM

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 \ No\_33\_App10565504 \_ Method of asjusting droplets (discharging using PLUNGER  
 accelerating and decelerating) .wsp